



# FULLERWOOD NEIGHBORHOOD DRAINAGE STUDY

## A Flood Risk Resiliency Study

### What is this study?

On July 10, 2023 the commission approved funding for a flood risk resiliency study for the Fullerwood Neighborhood. As a result, the City has initiated this study that will focus on areas within the neighborhood that do not have existing street curbing and associated drainage infrastructure. This includes multiple residential streets such as Atlantic, Fern, Althea, Seminole, Beacon, Oak Street and Oak Tree Lane.

### Why is this study needed?

There is no existing stormwater drainage system to service the area, as the roads are generally at grade with no curb and gutter systems. The area is low lying and subject to high tide and storm surge flooding, rainfall induced flooding, and nuisance flooding associated with standing water conditions for extended periods of time.

### How will this study benefit the community?

This study will analyze the lack of drainage in the area and will develop mitigation strategies for drainage improvements based on the existing and future conditions (i.e., sea level rise and future rainfall events) for the Fullerwood Neighborhood area. The mitigation strategies will represent a combination of options which will help benefit the area for flood mitigation. The City can then utilize the study to pursue grant funding of potential implementation projects.

### How is this study being funded?

The commission approved \$50,000 from City reserves to be utilized to fund the study. A consultant, Black & Veatch, has been contracted to do the study for the City.

### Flooding during Hurricane Nicole in the Study Area



**STUDY COST: \$50,000**

**CoSA  
Budget  
100%**

### STUDY SCHEDULE 2024

PHASE	DESCRIPTION
PHASE 1	DATA COLLECTION & ANALYSIS
PHASE 2	DEVELOPMENT OF RESILIENCE & DRAINAGE STUDY
PHASE 3	RELEASE REPORT